



DEPARTMENT OF THE NAVY

NAVAL INVENTORY CONTROL POINT

700 ROBBINS AVENUE
PHILADELPHIA PA 19111-5098

5450 CARLISLE PIKE - PO BOX 2020
MECHANICSBURG PA 17055-0788

COM & FTS (717) 605-2538
DSN & EXT 430-2538
FAX # 1225
IN REPLY REFER TO

NAVICPINST 4355.5N
8451/JAH

JAN 16 2001

NAVICP INSTRUCTION 4355.5N

From: Commander

Subj: LEVEL I/SUBSAFE (LI/SS) STOCK PROGRAM MATERIAL PROCEDURES

Ref: (a) NAVSUP/NAVSEAINST 4440.16 - Level I/SUBSAFE (LI/SS) Stock Program
(b) NAVSUP PUB 485 - Naval Supply Procedures
(c) NAVSEA 0948-LP-103-6010 - LI/SS Stock Program Catalog (A)
(d) NAVSEALOGCENINST 4355.9 - Receipt Inspection Requirements for Level I/SUBSAFE (Non-Nuclear) Stock Program Material
(e) MIL-DTL-2845 - Propulsion Systems, Boat and Ship; Main Shafting, Propellers, Bearings, Gauges, Special Tools, and Associated Repair Parts; Preservation, Packaging, Packing, and Storage of (R)
(f) NAVSO P-3683 - Navy and Marine Corps Product Data Reporting and Evaluation Program (PDREP) Manual
(g) NAVICPINST 4030.10 - Packaging, Packing, and Marking of Level I/SUBSAFE (Submarine Safety Certification) Program Items
(h) NAVSEA 0948-LP-045-7010 - Material Control Standard (Non-Nuclear) (A)
(i) NAVSUP PUB 723 - Navy Inventory Integrity Procedures (R)
(j) NAVSEAINST 5100.3 - Mercury, Mercury Compounds, and Components Containing Mercury or Mercury Compounds; Control of (A)

Encl: (1) Abbreviations and Acronyms
(2) Condition Code Definitions
(3) Processing of Discrepancies
(4) Non-Nuclear Level I Fastener Material (MICs) (A)
(5) Procedures for Material Returns
(6) Procedures for Compressed Gas Flasks
(7) Disposal Instructions
(8) Procedures for Requisitioning
(9) Procedures for SUBSAFE Submarine Antenna Repair Parts
(10) Suspended/Recalled Material

1. Purpose. To provide procedures for the receipt, inspection (certification), storage, requisitioning, issue, material

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returns, and reporting of discrepancies for nonnuclear LI/SS Stock Program material.

2. Cancellation. NAVICPINST 4355.5M including Change Transmittal 1.

3. Summary of Changes: (1) The major change to the LI/SS Stock Program occurred 1 August 2000, when SUBSAFE SMICs SS and SB were re-identified as SMICs L1 and C1, respectively. A detailed explanation of the impact is in paragraph 5c of this instruction. (2) All LI/SS material going through change notice for downgrade to nonlevel should remove/obliterate MIC markings on packaging and MIC markings from the material being downgraded. Prior to this, the MIC was to be removed from the packaging only. Paragraph 6e(7)(i) applies. (3) Some NIINs have recently had unit of issue changed from "BX" to "EA" and "FT" to "IN". Stock points will issue such material according to NAVICP unit of issue. Paragraph 6e(7)(k) applies. (4) To ensure compliance with this instruction NAVICP/NSLC Program Reviews will be conducted as required. Corrective actions for finding(s)/observation(s) noted in the NAVICP Program Review letter shall be submitted to NAVICP for concurrence and approval. Paragraph 6e(13) applies. (5) LI/SS excess material shall not be offered for sale under the DLA Recycle Control Point program. Prior to this, material was offered for sale. Enclosure (7) paragraph 2c applies.

R) 4. Background. Since June 1966, the LI/SS Stock Program has supplied quality system stock to support the joint Naval Supply Systems Command/Naval Sea Systems Command program as currently defined in reference (a). LI/SS Stock Program material must be certified prior to entry or reentry (in the case of returned material) into the LI/SS Stock Program to assure material is of requisite quality and that traceability requirements are met. This instruction provides operating procedures for those activities responsible for supplying and using LI/SS program material. Enclosure (1) is a listing of abbreviations and acronyms used in this instruction.

5. General

R) a. This instruction applies to LI/SS Stock Program material assigned SMICs SS/L1/C1/SB/S1 as defined in Volume II Appendix 14 of reference (b). SAQAM is excluded from this instruction (although some end items are assigned SMIC L1) and is processed in accordance with NAVICPINST 4440.437. Piece parts which

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support SAQAM antennas and periscopes are included in the LI/SS Stock Program, are assigned SMIC L1, and are listed in reference (c).

b. The organizational structure of the LI/SS Stock Program:

(1) PNS is responsible for receipt, inspection (certification), storage, issue, packaging, and accountability.

(a) PNS QAD is responsible for receipt inspection of all new contract material as detailed in reference (d), recertification of MTIS received from PNS Supply Department, and packaging of accepted material.

(b) PNS Supply Department is responsible for the receipt of new contract material and MTIS material, storage, issue, and accountability.

(2) The following activities are certified for the custody of LI/SS Stock Program system stock:

DDDC (San Diego CA)
DDNV (Norfolk VA)
DDPH Main Site (Pearl Harbor HI)
DDPH Shipyard Site (Pearl Harbor HI)
DDPW (Puget Sound WA)
DDYJ (Yokosuka JA)
FISC Puget Sound WA
FISC TRIDENT Support Department Bangor WA
NAVSHIPYD Portsmouth NH
NAVSUBSUPPFAC New London CT
SIMA San Diego CA
TRIREFFAC Kings Bay GA

(3) The following activities are responsible for the custody of SUBSAFE propulsion shafts and will control material in accordance with reference (e) and this instruction: (R)

DDBC Barstow CA
Cheatham Annex Yorktown VA

c. Effective 1 August 2000, SUBSAFE SMICs SS and SB were re-identified as SMICs L1 and C1, respectively. Current stock assets will not be remarked to reflect this change. New contract material received by PNS for certification will be identified with (A)

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a SMIC of L1 or C1, as appropriate. NAVICP message P141123Z JUN 00 provided guidance for end users. When receiving material with a SMIC of SS or SB, the material can be placed in stock as received after following current receiving practices. When issuing current SMIC SS or SB assets, the shipping document as well as the shipping container shall be annotated as SMIC L1 or C1, as appropriate. NAVICP Program Review will accept both SMICs SS and L1 or both SMICs SB and C1 in the same location for the same NIIN. NAVICP requests that existing SMIC SS and SB stock be issued first in order to purge the system of this material as soon as possible.

d. Definition of LI/SS Stock Program SMIC codes, provided for convenient reference (full definitions are found in Vol. II Appendix 14 of reference (b)):

R) (1) SS SMIC was assigned to those items that supported the SUBSAFE program and also met all the requirements for L1 coding. As of 1 August 2000, SS SMIC items have been re-identified to L1 SMIC.

(2) L1 SMIC is assigned to those items requiring Level I MIC and are unique to submarine application or combined submarine/nuclear powered surface ship application(s).

(3) S1 SMIC is assigned to those items requiring Level I MIC and are unique to fossil fuel powered surface ship application(s).

(4) C1 SMIC is assigned to those items requiring Level I MIC and special (oxygen) cleaning for submarine and/or surface application(s).

R) (5) SB SMIC was assigned to those items that required SUBSAFE MIC and special (oxygen) cleaning for submarine application(s). As of 1 August 2000, SB SMIC items have been re-identified to C1 SMIC.

e. Condition codes for the LI/SS Stock Program that deviate from reference (b) are defined in enclosure (2):

f. Processing discrepancies:

(1) The PQDR (SF 368) will be used to report discrepancies discovered during the initial certification process by PNS. PQDRs will be prepared and submitted in accordance with

reference (f) and per direction provided by separate correspondence. PNS will forward draft of PQDR to NAVICP (845) for disposition and preventative/corrective action response from contractor through DCMA.

(2) The ROD will continue to be used to report discrepancies in shipments from stock (e.g., receiving inspection of redistribution or requisition) and stock surveillance. Discrepancies in packaging, packing, preservation, and marking will be submitted in accordance with enclosure (3) and reference (g).

g. A joint DON/DCMA program of "Joint Source Certification" has been established where Navy inspector(s) and DCM-QAR(s) are certifying LI/SS items at the contractor's plant. The requirements for "Source Certification" are invoked in NAVICP contracts where certification is required prior to further processing; for example: (1) SMIC C1/SB special clean items where certification is required before special cleaning; (2) TRIPER items where individual piece parts require certification prior to final assembly; and (3) selected vendors/commodities, where source certification is more economical or advantageous to the Navy (e.g., propulsion shafts). After certification and MIC marking, these items will be assembled, preserved, packaged, packed, and shipped direct to stocking activities. Shipping containers, in addition to the normal LI/SS markings will state "For RO (Receiving Officer of the applicable activity) M/F LI/SS Certified "A" Condition Material".

h. Reference (h) requires that fasteners (FSC 53__) will be marked with kind of material, traceability code, and manufacturer's symbol; and after acceptance will be color-coded. In order to provide MTIS control and eliminate "heat" logs, the LI/SS Stock Program has, for several years, been assigning a unique serial number (complete or partial MIC) to fastener unit packages. There is no back-fit, so fasteners must be color-coded, and they may also have MCS markings (size permitting) and/or a serial number on the unit pack. See enclosure (4) for color codes. (R)

i. Material can be identified to a LI/SS certification activity MIC number as follows:

(1) LI/SS Stock Program items, after inspection, are etched (vibro or electro-chemical) (with the exception of

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fasteners which are color-coded and small items which are labeled) with a unique MIC in accordance with reference (h):

Example

<u>"ST", "CSA", or</u>	<u>88359</u>	<u>-001</u>	<u>"A", "MS", "YT",</u>
<u>"TIAS"</u>			<u>"QQ", "N", or "S"</u>

<u>Material Designator</u>	<u>Date</u>	<u>Serial No.</u>	<u>CAD</u>
Two (or more) alpha	Inspection	Inspection	Certifying
codes assigned in	date	Lot on	Activity
MCS Vol II		given	Designator
		Julian	
		dates	

- R) (2) The last position(s) of the MIC number is a one (or more) position alphabetic code which identifies activities which are or were authorized by NAVSEA to certify LI/SS stock program material:

Stock Program Material CADs

- * Mare Island Naval Shipyard (MS), previously "γ" (GAMMA)
- * Portsmouth Naval Shipyard (A), previously "Δ" (DELTA)
- * Naval Weapons Station, Yorktown (YT)

Non-Stock Program Material CADs Accepted Through MTIS Process

- * Charleston Naval Shipyard (C)
- * Norfolk Naval Shipyard (N)
- * Pearl Harbor Naval Shipyard (P)
- * Puget Sound Naval Shipyard (S)
- * NSWCCD Philadelphia (QQ)

6. Responsibilities

a. Receiving (All Activities):

(1) NAVICP New Contract Material Requiring Receipt Inspection (PNS):

(a) Receive contract material and perform receiving inspection for correct count, identification, shipping damage, proper packaging, packing, marking, and certification documentation.

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(b) Material (including documentation) which passes receiving inspection will be TIR'd to NAVICP in CC "J" and expeditiously moved to the inspection (certification) activity/area.

(c) Material where preservation, packaging, packing, or labeling defects have compromised the quality of the material will be reported via PQDR in accordance with reference (f) and per direction provided by separate letter, and the material will be TIR'd in CC "L". Discrepancies in packaging, packing, and marking, which do not affect "quality", will be reported via a "packaging" ROD in accordance with reference (i). The draft PQDR or a copy of the ROD will be forwarded to NAVICP (845).

(2) New Contract Material Which Has Been Source Certified (All Activities): Receive source certified material which has been previously inspected at contractor's plant and marked "For RO (Receiving Officer of the applicable activity) M/F LI/SS Certified "A" Condition Material". Report receipt to NAVICP via TIR in CC "A" and place in stock.

(3) MTIS (All Activities): Process in accordance with enclosure (5).

b. Inspection (Certification by PNS):

(1) General Rules:

(a) Record inspection/certification results. File by serial number (MIC). A backup inspection record file will be maintained by the certifying activity and will be stored in areas which as a minimum contain fire sprinkling protection and smoke detection devices. Hard copy MIC folders and records for recalled material must be prominently covered with a large black "X" indicating that the lot has been recalled as discrepant. All folders for recalled material will be filed in a separate area. A dummy folder will be placed in the original location with a note indicating that the item has been recalled and that the original file is located in the designated recall file area. Disposal of files must be authorized by NAVICP (845). (R)

(b) Moisture sensitive electrodes opened as samples for inspection/certification will not be processed for induction into the LI/SS Stock Program. Certified sample material can be retained for local use (e.g., welding tests, welder

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certification, etc.).

(c) Certified flexible hose connections and fittings will be marked in accordance with reference (h) using impression markings in low stress areas. Impression markings shall be in accordance with MIL-STD-792.

(d) Process compressed gas flasks in accordance with enclosure (6).

- R) (e) Verify MIC numbers in response to inquiries from end users, stocking activities, etc., and advise of the availability of the MIC Verification Program through NAVSEALOGCENDET Portsmouth NH.

(2) NAVICP Contract Material Undergoing Inspection And Test Certification For Entry Into The LI/SS Stock Program:

(a) Receive material from supply activity/area ("J" CC).

- R) (b) Perform inspection/test in accordance with reference (d). A complete inspection shall be performed unless defects found would render item unusable. NAVICP (845) will be notified when an inspection cannot be completed. Inspection/testing should be performed expeditiously, within 45 days (welding electrodes in 130 days) beginning with the day the material is received by the inspection department and ending with the completion of the inspection. Exclusions include special projects, lots delayed by technical assistance requests and/or information requests.

(c) Return certified material expeditiously to stocking activity/area. Ensure material is identifiable as "certified" material.

(d) Nonconforming Material

1. Change CC "J" to CC "L". Retain (on station) in segregated storage area until receipt of corrective action. Where corrective action indicates return to contractor/maintenance activity for repair or refurbishment, ship material using a NAVICP supplied shipping document number and process in accordance with the NAVICP disposition specified for each returned lot. Provide confirmation of shipment to NAVICP (845).

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2. Exhibits returned to the contractor will be individually identified (e.g., tagged, marked, or serialized) stating the nature of the discrepancy to assist the contractor in identifying discrepant pieces within a multi-defective lot. Only NAVICP (M0243) will authorize the return of exhibits to the contractor.

3. Upon completion of corrective action, reenter material into inspection/test cycle and perform or resume inspection test.

c. Processing Material From Inspection Area (PNS):

(1) For certified material: When notified that certified material is available for storage, transfer the material from previous CC ("J"/"K"/"L") to CC "A". Report via TIR to NAVICP. Issue as directed by NAVICP.

(2) For nonconforming material: PNS process in accordance with paragraph 6b(2)(d). Upon return by the contractor/industrial activity, restart the inspection cycle. Process receipt of material using the NAVICP shipping document number. Provide confirmation of receipt to NAVICP (845).

d. Material Disposal (All Activities): Excess material will be transferred from previous CC ("L", "F", "K", or "A") to CC "H". Upon classification to CC "H", process to disposal per enclosure (7).

e. Receiving Certified System Stock (All Activities):

(1) Receive certified LI/SS Stock Program material from:

- (a) Certifying activities
- (b) Redistribution (push)
- (c) Requisition (pull)
- (d) MTIS or other modes of turn-in
- (e) Direct ship source certified material

(2) Perform receiving inspection (count, identification, shipping damage, proper packaging, packing, and marking (to

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include visual inspection that there is a match of document to unit package MIC)). Only when a questionable situation occurs, will the unit package be opened to verify that the MIC on the shipping document matches the MIC on the material. Material received via NAVICP Redistribution Order (Document Identifier "A2" series) will be taken up in stock under the CC cited on the A2 document without the need for further inspection. Activities which "pull" material for stock will receive material via Referral Order (Document Identifier "A4" series) and pick up in CC "A".

(3) Material that does not pass receiving inspection will be processed and reported in accordance with enclosure (3).

(4) Material that passes receiving inspection will be expeditiously moved to the LI/SS Stock Program storage area. Report to NAVICP with appropriate CC. Segregate the stocking of LI/SS Stock Program CC "A" RFI material to limit access, prevent damage and contamination, and preclude commingling with non-LI/SS Stock Program material and other CC NRFI LI/SS Stock Program material. All RFI LI/SS Stock Program material will be stored in "mercury-exclusion" areas (reference (j)).

R) (5) Segregate the storage of NRFI LI/SS Stock Program material by CC to preclude commingling with other CCs and with non-LI/SS Stock Program material. All NRFI LI/SS Stock Program material will be stored in "mercury-exclusion" areas (reference (j)) excluding CC "H".

(6) Apply controls as dictated by other programs (e.g., PMRP, etc.), which may also apply to LI/SS Stock Program material.

(7) General Issue/Storage Instruction:

(a) Issue material in accordance with requisition procedures in enclosure (8).

(b) Material without a MIC or an approved CAD as defined in paragraph 5.i. shall not be issued. All RFI LI/SS Stock Program material must be identified with a MIC number with the exception of fasteners, which need only be color-coded and material symbol (i.e., MCS) as a minimum. Packaged material without a visible MIC (excluding color-coded only fasteners) will be opened and inspected. If a MIC is found on the material,

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annotate the MIC on the package and issue. If a MIC is not found, call NAVICP (845) for disposition.

(c) Welding electrodes/rods are stocked in unit pack containers based on various weights (in pounds) and will be issued in multiples of the unit pack. Over-issue is authorized. Under-issue is not authorized. Sealed unit packs will not be opened to satisfy issue or disposal directives.

(d) For barstock, pipe, and tubing: material shall be stored and reported in nearest whole unit of issue (round down). Over-issue of uneven lengths is authorized if remaining length would be less than unit of issue. Under-issue is permitted only when authorized by the requisitioner.

(e) When cutting barstock and tubing for issue in less than full lengths, insure that a complete MIC mark is visible on each piece issued and remaining in stock:

1. For all barstock items and tubing with a wall thickness of $.125$ inches or greater, MIC marking will be by vibro-etch.

2. For tubing with a wall thickness of less than $.125$ inches (i.e., "thin-wall" tubing), the certifying activity will apply continuous electrochemical etching along the length of each piece and remarking should not be required.

(f) When issuing 2 inch O.D. and under tubing and barstock to tenders and overseas (EXCONUS) activities, insure that lengths do not exceed ten (10) linear feet except where the incoming supply document cited Advice Code "2N" (item required in one continuous length as expressed in cc 25-29 (quantity) and cc 23-24 (unit of issue)).

(g) When issuing oxygen service items (SMIC C1/SB) insure that the material is packaged, packed, and marked in accordance with reference (g). The material must be marked with a special green warning label and must be packaged in heat sealed unit package (barrier type; inner and outer bag) which must not be punctured, torn, or opened until use/installation. Special attention is required to insure that issue documents are not attached by a method which punctures the barrier bag(s).

(h) Special procedures for processing compressed gas

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flasks are in enclosure (6) and special procedures for SUBSAFE antenna and periscope repair parts (CAD "QQ") are in enclosure (9).

R) (i) On all LI/SS material going through change notice for downgrade to nonlevel, remove/obliterate MIC markings on packaging and MIC markings from the material being downgraded.

(j) Handle suspended/recalled material in accordance with enclosure (10).

A) (k) Some NIINs have had unit of issue changed from "BX" to "EA" and "FT" to "IN". Stock points will issue such material according to NAVICP unit of issue. If unsure of unit of issue, contact NAVICP (845) for clarification.

(8) Damaged material (beyond refurbishment) will be automatically transferred to CC "H" and processed for disposal in accordance with enclosure (7).

(9) Process LI/SS Stock Program MTIS in accordance with enclosure (5). Apply controls to insure that MTIS is not initially placed in CC "A".

(10) Prepare and include with each issue (on or off station) of LI/SS Stock Program material (including disposals directed by NAVICP), a copy of the shipping document annotated with the MIC(s) and showing the quantity issued per MIC. Insure that the NSN/NICN, quantity, ship to destination, and MIC are legible on all copies. Shipping documents shall be annotated with red lettering to indicate "LEVEL I". Retain necessary copies for local records. Establish and maintain a file of issue documents for recall purposes. Transposition of issue data (stock number, document number, MIC, quantity, and date issued) onto other mediums (e.g., computer data banks) is authorized as long as such records are permanent in nature and accessible by stock number, MIC, and/or document number. Retain issue information indefinitely, using a data media such as CD-ROM. Data may be archived after three years, but must be accessible in the event of a recall.

(11) Off station shipments from stock and any items locally repackaged will be packaged in accordance with reference (c). Insure the MIC number(s) is placed on the unit package.

(12) Develop local procedures/instructions to comply with

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the requirements of this instruction and its references. Forward one copy to NAVICP (845) and NSLC (N44).

(13) NAVICP/NSLC Program Reviews will be conducted as required to ensure compliance with this instruction. Corrective actions for finding(s)/observation(s) noted via NAVICP Report of LI/SS Program Review letter shall be submitted to NAVICP (845) for concurrence and approval within 30 days of receipt of letter. (A)

(14) Perform an annual physical inventory, not to exceed twelve month intervals. Retain one copy for information. Inform NAVICP (845) by letter of the summary results upon completion of the inventory. Adjust material discrepancies discovered during this inventory using the same rules used for receiving inspection. The annual inventory report shall contain the following:

- (a) Person(s) performing the inventory.
- (b) Date(s) inventory performed.
- (c) Location of inventory.
- (d) Total number of NIINs inventoried.
- (e) Accuracy goal (%). Goal shall be 95% unless a higher goal is directed by local command instruction.
- (f) Actual accuracy (%).
- (g) Loss/gain taken to bring inventory into balance.
- (h) If loss/gain is taken, then identify each NIIN affected as well as the investigated reason for the loss/gain.

(15) Conduct refresher training, not to exceed a twelve month interval, to familiarize all personnel involved with LI/SS concerning the requirements of this instruction and local procedures/instructions. Provide complete training to all new personnel. Implement a mechanism to evaluate the effectiveness of the training provided. Records shall provide the following: (R)

- (a) Date and length of training.
- (b) Names of attendees.

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(c) Who performed the training.

(d) Topic of each training session.

R) (16) Conduct an annual internal audit to cover all areas related to LI/SS material to monitor compliance and program knowledge of the LI/SS Stock Program. Internal audit shall not exceed a twelve month interval. This review should be conducted midway between scheduled external reviews. The report of the internal audit shall contain the following:

(a) Person(s) performing the review.

(b) Person(s) talked to as well as code/building number.

A) (c) Specific work packages reviewed/audited as objective evidence.

(d) Instruction(s) applicable to each area reviewed.

(e) Finding(s)/observation(s) noted in each area reviewed.

(f) Recommendation(s) for correcting finding(s)/observation(s) to improve operation in each area.

(g) Time frame for initial response as well as time frame for follow-up responses until closure.

A) (h) The corrective action required to provide closure on finding(s)/observation(s) of the internal audit shall be documented.

(i) The final report of internal audit shall have a distribution list identified. The list shall include upper management personnel as well as NAVICP (845).

A) (17) Stocking activities shall develop and use appropriate audit tools (e.g., check lists) to ensure compliance with the requirements of this instruction and local procedures/instructions. Audit finding(s) shall be addressed using the attributes cited below:

A) (a) Determine the full scope of the deficiency cited

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(if necessary, reinspect other completed work) and identify/implement immediate corrective action.

(b) Identify the underlying root cause of the deficiency and determine if the deficiency is systemic or an isolated instance. (A)

(c) Identify long-term corrective and preventive action (extend to other related divisions, departments, shops, or hulls) and develop a plan of action with a scheduled completion date (e.g., update instructions, conduct training, etc.). (A)

(d) For systemic deficiencies, establish a plan to assess the effectiveness of corrective and preventive actions (e.g., surveillance and/or special audits) with regular review points and milestones to prevent recurrence. (A)

(18) Appoint an activity Point of Contact (POC) to act as a central focus point for LI/SS Stock Program matters; i.e., for program changes, urgent announcements, instruction distribution, and to act as the program review coordinator. Notify NAVICP (845) of the name, code, and extension (voice and FAX) of the activity POC. POC shall assure that all personnel handling LI/SS material and documentation has access to the current revision of this instruction in the immediate area.

(19) The names of the personnel authorized to have access to the LI/SS storage area are to be posted to preclude unauthorized access to the area by untrained personnel.

f. Using Activities (Including the Fleet):

(1) For defective material received from the supply system:

(a) When discrepancies are determined to be the responsibility of the shipper (e.g, count, wrong item, damage due to packaging, paperwork, etc.), prepare and forward a ROD, in accordance with enclosure (3), to the shipper. Where the shipper is not known or the shipper cannot resolve, forward the ROD to NAVICP (845) for resolution.

(b) Quality deficiencies such as deficiencies in material, material composition, material and other test certification, marking, design, procurement specifications, and (R)

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workmanship are reported by PQDR in accordance with reference (f).

Note: PQDRs shall not be submitted for discrepancies that have previously been approved by NAVSEA via the NAVSEA Approved Engineering Changes and Approved Engineering Alternatives Program.

R) (c) Transportation discrepancies will be processed in accordance with Defense Transportation Regulation DOD 4500.9-R, Part II.

(2) Nominate new candidates for the LI/SS Stock Program in accordance with NAVSUPINST 4410.50 (Elimination of Local Stock Numbers) or reference (c).

(3) Requisition material in accordance with enclosure (8).

(4) Process MTIS in accordance with enclosure (5).

(5) When verification of a MIC number is required, obtain verification through the MIC Verification Database, available through Director, NAVSEALOGCENDET Portsmouth, 80 Daniel St., Suite 400, Portsmouth, NH 03801-3884. Other LI/SS Stock Program MIC inquiries may be directed to PNS.

g. FISCs: Ensure that LI/SS stock material is not stored at any "partnered" activities that are not certified by NAVICP (845) for custody of LI/SS stock program system stock.

7. Maintenance Responsibilities. In accordance with NAVICPINST 5215.14, NAVICP (845) is assigned maintenance responsibility.



M. J. METTS
By direction

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 Naval Air Systems Command Patuxent River MD
 Naval Sea Systems Command
 Attack Submarine Support Det Norfolk VA (Bldg W143)
 NAVSSES CARDEROCKDIV Philadelphia PA

NAVICPINST 4355.5N

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Submarine Training Activity, Supply Dept, Norfolk VA
LANTFLTILOACT St Juliens Creek Annex, Portsmouth VA (Bldg M1)
SUBMEPP ACTIVITY (805L JAN-H) Portsmouth NH
Navy Supply Corps School Athens GA
Strategic Systems Programs Arlington VA
LANTFLTILOTEAM Mayport FL
PACFLTILOTEAM Pearl Harbor HI (Bldg 448)
Pacific FLTILOTEAM NSC Puget Sound WA
LANTFLTILOTEAM Groton CT
USS EMORY S. LAND (AS-39)
USS McKEE (AS-41)

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Abbreviations and Acronyms

CAD - Certified Activity Designator
 CC - Condition Code
 CSA - Certified Stocking Activity
 DCMA - Defense Contract Management Agency
 DCM-QAR - Defense Contract Management - Quality Assurance Representative
 DDBC - Defense Distribution Depot Barstow, CA
 DDC - Defense Distribution Command New Cumberland, PA
 DDDC - Defense Distribution Depot San Diego, CA
 DDNV - Defense Distribution Depot Norfolk, VA
 DDPH - Defense Distribution Depot Pearl Harbor, HI
 DDPW - Defense Distribution Depot Puget Sound, WA
 DDYJ - Defense Distribution Depot Yokosuka, JA
 DLA - Defense Logistics Agency
 DLR - Depot Level Repairable
 DON - Department of Navy
 DRMO - Defense Reutilization and Marketing Office
 FISC - Fleet and Industrial Supply Center
 FLR - Field Level Repairable
 FSC - Federal Supply Class
 FTE - Customer Excess Report in the Material Return Program
 FTR - Reply to Customer Excess Report in the Material Return Program
 IM - Item Manager
 IRRRC - Issue Repair and/or Requisition Restriction Code
 LI/SS - Level I/SUBSAFE
 LOE - Level of Essentiality
 M/F - Mark For
 MCS - Material Control Standard (NAVSEA 0948-LP-045-7010)
 MIC - Material Identification and Control
 MINS - Mare Island Naval Shipyard
 MRIL - Master Repairable Item List
 MTIS - Material Turned Into Stores
 NAVSEA - Naval Sea Systems Command
 NAVSEALOGCENDET - Naval Sea Logistics Center Detachment
 NAVSHIPYD - Naval Shipyard
 NAVSUBSUPPFAC - Navy Submarine Support Facility
 NICN - Navy Item Control Number
 NIIN - Navy Item Identification Number
 NRFI - Not Ready For Issue

Enclosure (1)

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NSLC - Naval Sea Logistics Center
NSN - National Stock Number
NSWCCD - Naval Surface Warfare Center, Carderock Division
NWSY - Naval Weapons Station, Yorktown
PMRP - Precious Metals Recovery Program
PNS - Portsmouth Naval Shipyard
PQDR - Product Quality Deficiency Report (SF 368)
PSNS - Puget Sound Naval Shipyard
QAD - Quality Assurance Department
RFI - Ready For Issue
ROD - Report of Discrepancy (SF 364)
SAED - Submarine Antenna Engineering Department
SAQAM - Submarine Antenna Quality Assured Material
SMIC - Special Material Identification Code
TIR - Transaction Item Reporting
TRF - TRIDENT Refit Facility
TRIREFAC - TRIDENT Refit Facility
TRIPER - TRIDENT Planned Equipment Replacement

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Condition Code Definitions

- "A" - Ready for issue, fully certified material.
- "D" - Special purpose code used for specific LI/SS projects to maintain asset visibility and purpose, for example: (1) special clean items (SMIC C1/SB) that require only recleaning, (2) assets certified by other than certified LI/SS inspection activities, etc. The use of CC "D" is not authorized for general usage by stock points unless specifically authorized by NAVICP.
- "F" - NRFI DLR.
- "H" - Assigned, prior to disposal, to unserviceable (condemned or beyond repair/refurbishment) material.
- "J" - Assigned to new contract material awaiting initial inspection and test (certification) - CC "J" is limited for use by PNS.
- "K" - Assigned to questionable material turned-in by customers and users which must be reverified before being considered as ready for issue ("A") material. (R)
- "L" - Assigned to nonconforming material.

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

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Processing of Discrepancies

1. General. LI/SS Stock Program material discrepancies can arise during any phase of the program. The vast majority of discrepancies are discovered during the initial certification process and will be reported via PQDR (SF 368) to NAVICP (845) for issuance and coordination of disposition of material and resolution of preventative/corrective action from contractor through DCMA. In general, PQDRs will be prepared in accordance with reference (f) with a copy to NAVICP (845).

2. Guidance for processing precertified LI/SS Stock Program discrepancies:

a. Packaging and/or packing discrepancy with damage to the material - line item value under \$99.99 - process to DRMO in accordance with enclosure (7) with information ROD to shipper. Over \$100, TIR in CC "L", ROD to shipper for disposition with copy to NAVICP (845).

b. Packaging and/or packing with no damage - package for storage; TIR in CC "A". Information ROD to shipper with information copy to NAVICP (845).

c. Material received on other than redistribution ("A2") - (R)
check document number to ascertain if the material was ordered. If ordered, process as paragraph d (below). If not ordered, process as MTIS in accordance with enclosure (5).

d. No MIC on shipping document, missing shipping document, (R)
and/or nonmatch MIC on shipping document to package or to material - examine package (or if necessary the material) to find the MIC. Contact PNS for MIC verification at DSN 684-2546/41 or Commercial (207) 438-2546/41 or verify the MIC via the MIC Verification Database. If MIC verified and RFI, place in CC "A". If MIC not verified or NRFI (subject to the above dollar amounts), place in CC "L" and submit a ROD to shipper with information copy to NAVICP.

NOTE: Due to NICN to NSN changes, certifying activity MIC records will normally identify the material to the NICN at the time of initial certification. When this occurs, the material should be identified to the NSN.

Enclosure (3)

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e. Damaged cans of welding electrode - process as discrepant material per enclosure (7). ROD to shipper for investigation; information copy to NAVICP (845).

f. Rusted bar stock (FSC 95__) - place in CC "A", no ROD. If badly pitted, place in NRFI CC "L" with ROD to shipper and a copy to NAVICP (845).

g. Shortages, overages, wrong item received, etc. - report via standard ROD procedures for causative research by shipper.

NOTES:

1. The preceding paragraphs represent the most common problems. For any other discrepancies, call or contact NAVICP (845) (DSN 430-6654).

R) 2. Under no circumstances will MIC numbers be altered or added on the material unless authorized/instructed in writing by NAVICP (845).

3. While investigating any deficiency, the receiving activity shall place the material in CC "L".

4. SF 364 Forms will be prepared in accordance with reference (i). In addition to the distribution contained therein, one copy should be forwarded to NAVICP (845) and if the "packaging" block is checked, an additional copy should be sent to NAVICP (0541) (Packaging Division).

R) 5. Shipments received with damage or discrepancies due to transportation will be reported in accordance with Defense Transportation Regulation DOD 4500.9-R, Part II.

3. Instruction for SF 364 preparation - indicate whether a "shipping" or "packaging" discrepancy by placing an "X" in the appropriate box on the top of the form. All discrepancies other than "packaging" will be considered as "shipping" discrepancies. If both "shipping" and "packaging", "X" both blocks.

Item 1. Date of Preparation: Sequence of date is by year, month, and day. For example, April 1, 1980 is written as 80 April 01.

- Item 2. Report Number: This is a unique number to be developed and assigned by the submitting activity.
- Item 3. To: The Shipper
If unknown, to the managing ICP.
- Item 4. From: Preparing activity name and address; include zip code and reporting activity code.
- Item 5a. Shipper's Name: Self-explanatory.
- 5b. Number and Date of Invoice: Invoice/Sales Slip/Shipping Document Number and Date.
- Item 6. Transportation Document Number: Enter type of transportation document (Government Bill of Lading (GBL), Commercial Bill of Lading (CBL), manifest, waybill, etc.), and the identifying number of the document.
- Item 7a. Shipper's Number: Shipment number (when more than one shipment is made under a contract or requisition) and contract/document number.
- 7b. Office Administering Contract: For contract material, enter "NAVICP"; otherwise, leave blank.
- Item 8. Requisitioner's Number: Document number of requisition of redistribution order.
- Item 9. Shipment, Billing, and Receipt Data:
- 9a. NSN/Part Number and Nomenclature: Self-explanatory.
- 9b. Unit of Issue: Show the unit of issue as billed or indicated on the shipping document for each item listed in Item 9.
- 9c. Quantity Shipped/Billed: Self-explanatory.
- 9d. Quantity Received: Self-explanatory.
- Item 10. Discrepancy Data:

- 10a. Quantity: Self-explanatory.
- 10b. Unit Price: As billed or indicated on incoming document.
- 10c. Total Cost: 10a x 10b. For packaging deficiencies, enter cost or corrective action.
- 10d. Code: Nature of the discrepancy using the codes listed on face of form. If a discrepancy condition exists that is not listed, use code "Z1" and describe discrepancy in Item 12, Remarks.
- Item 11. Action Code: Indicate action requested of Item 3 activity by use of codes listed on face of form. If action is other than that covered by the listed codes, insert code "1Z" and explain action required in Item 12, Remarks. If for info, use code "1H" (no action required; info only).
- Item 12. Remarks: Describe the discrepancy being reported or action required. Include sufficient detail to make a decision.
- Item 13. Funding and Accounting Data: Not applicable. Credit processing information will be included in the reply.
- Item 14a. Typed or Printed Name, Title, and Phone Number of Preparing Official: Self-explanatory.
- 14b. Signature: Self-explanatory.
- Item 15. Distribution Addresses for Informational Copies: All RODs, one copy to NAVICP (845). For RODs with the "packaging" block checked, forward a copy to NAVICP (0541).
- Item 16. The reverse side of the ROD may be used to provide resolution for discrepancies resulting from material received from requisition or redistribution and Items 16 through 24c will be filled-in as applicable. If a more involved response is required, reply will be via NAVICP letter.
- 24c.

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NOTE: Item numbers apply to 2-80 revision, some variation is required for earlier revisions.

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Enclosure (3)

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NON - NUCLEAR LEVEL I FASTENER MATERIAL (MICS)

MATERIAL TYPE	BLUE COLOR Carbon or Alloy Steels	GREEN COLOR Nickel Copper	PINK COLOR Nickel Copper Aluminum	BROWN COLOR Nickel-Chromium-Molybdenum-Columbium (UNS N06625) MIL-S-1222	ORANGE COLOR Other Material and Types
SPEC:	MIL-S-1222	MIL-S-1222	MIL-S-1222		
GRADE CLASS	Grades 2H, 4 or 7	Grade 400	Grade 500 All Annealed 20% Min. Elongation	Grade 625 Annealed	All Other Grades
CONDITION	(Nuts) Externally Threaded Fasteners	All Fasteners	All Fasteners	All Fasteners	All Fasteners
MARKINGS	2H, 4 or 7 Mfg's Symbol Lot No.	NC or NICU Mfg's Symbol Lot No.	.K. Mfg's Symbol Lot No.	625 Mfg's Symbol Lot no.	Per Specification Mfg's Symbol Lot No.

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Procedures for Material Returns

1. Background. NAVICP procures LI/SS Stock Program material which, following inspection and certification by a designated LI/SS Stock Program certification activity, is assigned special traceability markings. Certified material is then positioned at certified worldwide stocking activities and is issued to end users.

2. Policy

a. LI/SS Stock Program material which was not used or is no longer required is returned to the supply system as MTIS for possible future reutilization.

b. End use activities will turn in NRFI DLRs in accordance with the MRIL. Receiving stock points will report DLRs requiring repair in CC "F".

3. Responsibility

a. End users:

(1) Review SS/SB/L1/C1/S1 SMIC material which is no longer required to determine if the material is acceptable for return to the supply system (MTIS) or if it should be removed from the supply system (DRMO). This review should consist of visual check to determine if the material is serviceable and verification of a MIC mark.

(2) Process material not fit for turn-in/off-load in accordance with applicable excess material processing instructions (e.g., Vol. I Part II Chapter 5 of reference (b)). Prior to forwarding material to DRMO, destroy item or remove last four or five characters of the MIC mark to insure against reintroduction into the LI/SS Stock Program. Destruction or MIC removal is not necessary for bar stock (FSC 95__), tubing (FSC 4710), and fasteners (FSC 53__).

(3) For material acceptable for turn-in/off-load, interrogate the supply system using an FTE document, to determine if there is a need for turn-in.

Enclosure (5)

(a) If resulting FTR document indicates that material should not be turned in (i.e., status code "TC" or "TK"), process as in paragraph 3a(2) above.

(b) If resulting FTR document indicates that material should be turned in (i.e., status code "TA", "TB", "TH", or "TJ"):

1. Ship in the original package in which received. If the original package is not available, repackage and mark with the NSN, MIC, nomenclature, and quantity to assure safe delivery of material. Individual items shall be individually packaged and identified. Bulk items such as barstock, piping, tubing, etc., may be bulk packaged in adequate shipping containers. Annotate the MIC(s) on shipping document. Conspicuously mark shipping containers:

a. "LI/SS MTIS".

b. "Cannibalized" if parts were removed.

c. "Repair Required" if applicable for refurbishable FLRS.

2. Include any certification documents with the item.

R) 3. Ship MTIS to the MTIS process point as indicated on the FTR document for screening.

(c) For FTR status codes other than "TA", "TB", "TC", "TH", "TJ", or "TK", refer to NAVSUP PUB 409.

b. Stocking activities:

(1) Provide segregated storage of MTIS to preclude issuing possible NRFI material.

(2) Use the NAVICP LI/SS MTIS Prescreen listing in accordance with the Level I/SUBSAFE MTIS Prescreening Desk Guide to determine whether there is a need for the material.

(3) If material not required, process for DRMO as per enclosure (7).

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(4) If material is required, verify MIC through the MIC Verification Database available through NAVSEALOGCENDET Portsmouth NH. Other MIC inquiries may be directed to PNS.

(5) If MIC cannot be verified, contact NAVICP (845) for disposition.

(6) If MIC is valid, process as follows:

(a) For 1H Cog NIINs:

1. Material received in original, sealed, and undamaged container - place in CC "A".

2. Material received in damaged, open, or repackaged container - inspect for wear, rust, pits, dings, and dirt. If material usable, repack and label, and process to CC "A". If material is unusable, process to DRMO as per enclosure (7).

3. If unable to determine condition or questions arise concerning material, place material in CC "K". NAVICP (845) will redistribute material to PNS for review/reverification/disposal.

(b) For 3H/7H Cog NIINs:

1. Material received in original, sealed, and undamaged container - place in CC "A".

2. Material received in damaged, opened, or repackaged container - place material in CC "K". NAVICP (845) will create a redistribution order to move material to PNS.

(c) Certain LI/SS commodities, regardless of Cog, require the following special handling.

1. Loose fasteners:

a. Must be in original box from authorized certifying activity indicating MIC number and contract number, or color code (blue, green, etc.) and contract number. Color-coding must be in accordance with reference (h) and enclosure (4). (R

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b. Ensure quantity per unit pack is correct.

2. Electrodes and brazing rings:

a. Must have valid MIC number on label affixed to each container or can.

b. Inspect container/can for any rust, cuts, holes, or punctures that would reduce the sealed integrity of the metal container.

c. Container/can may have small dents. However, major deforming of container may cause coating on electrodes to break, rendering the material unusable. Broken electrode coating will sound like loose pebbles or sand in the container.

d. Do not open container/can to inspect contents. Moisture from the air will contaminate the coating and render the material unusable.

e. Process returned partial and opened containers to DRMO as discrepant material in accordance with enclosure (7).

3. Compressed gas cylinders. Check internal pressure of cylinder with a low pressure gauge as called out in enclosure (6), paragraph 3a(3). Check complete external area of cylinder for evidence of damage.

a. If the pressure is 2 lb. PSI or greater and cylinder is not damaged, process into CC "A".

b. If pressure is less than 2 lb. PSI, cylinder appears used, or is damaged, take disposition action as advised by the NAVICP inventory manager.

4. Material with a CAD of QQ:

a. Material received with Certification Statement (attachment A), process accordingly.

b. For material received without Certification Statement (attachment A), contact PNS (136.2) for

direction.

c. PNS shall process LI/SS Stock Program MTIS material received from other stock points on redistribution orders as follows:

- (1) Receive 3H or 7H/G Cog material and TIR in CC "K".
- (2) Perform verification that piece parts requiring MIC marks on component are marked with a valid MIC number.
- (3) Material marked with other than a PNS, MINS, NWSY, or NSWCCD CAD needs to be reverified by contacting the certifying activity to validate the nonstock program MIC. If MIC cannot be verified, recertification of material is to be attempted after NAVICP (845) authorization.
 - (a) Recertified material will be assigned a new MIC number. The new MIC number will be entered on local inspection records and on the material after effacing the previously assigned MIC number. The local inspection records shall have a notation of the previously assigned MIC number. Process as CC "A" material. (R)
 - (b) Material which cannot be reverified/recertified will be processed to DRMO as per enclosure (7).
 - (c) Where possible, material will be identified to the original contract number.
- (4) If material can be reverified, and repair is required, process as follows:
 - (a) 7H/7G Cog - place material in CC "F". NAVICP will direct repair by separate action.
 - (b) 3H Cog - process to DRMO as per enclosure (7).
- (5) 1H Cog MTIS that other MTIS processing activities have concerns about, and has been redistributed to PNS in CC "K" should be reverified by PNS and:
 - (a) if acceptable, repackage and place in CC "A".

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(b) if unacceptable, process to DRMO as per enclosure
(7).

Attachment A - Certification Statement



DEPARTMENT OF THE NAVY
NAVAL SHIP SYSTEMS ENGINEERING STATION
PHILADELPHIA, PA. 19112

IN REPLY REFER TO

Code 061
CONTRACT NO. N00104-73-C-2944
SERIAL NO. B19

CERTIFICATION STATEMENT

1. The material utilized in the structural integrity portion of the SHEAR has been reviewed and found acceptable for use within the SUBSAFE Boundary. The criteria used in the review is contained in the NAVSEA Submarine Sea Trial Certification Booklets, for Submarines including SSN-688 and Trident Class, and applicable Specifications invoked.
2. Material Identification and Control Numbers are as follows:
KMH-9099-45000

3. Certification is also extended to applicable hydrostatic tests, Non-Destructive tests, and dimensional inspections which were conducted and found to meet established requirements.
4. The detailed objective quality evidence is maintained on file at:
Naval Ship Systems Engineering Station Code 051
Submarine Antenna Engineering Department, Bldg. 26
U. S. Naval Base
Philadelphia, Pa. 19112

S. H. Amarnick
T. A. ENGINEERING

4-2-81
DATE

Orval D. Menon
HEAD, MATERIAL MANAGEMENT
& LOGISTICS BRANCH

4-2-81
DATE

William Thompson
DEPARTMENT H530

4-2-81
DATE

Enclosure (5)
Attachment A

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Procedures for Compressed Gas Flasks

1. Background. Gas Flasks, procured for system stock in accordance with MIL-F-22606 (Ships) are charged by the manufacturer with inert nitrogen. The purpose of this is to retard internal corrosion which could prevent the flask from being charged with the actual designed gas or from performing properly when charged.

2. Scope. This enclosure applies to LI/SS Stock Program material listed in reference (c).

3. Action

a. General

(1) Flasks are fitted with shipping caps or plugs, one of which contains a Schraeder tank valve (similar to an automotive or bicycle tire valve).

(2) The valve is used for charging the flask, after manufacture, with dry, oil-free nitrogen at between 5 to 20 PSI.

(3) The below listed pressure test can be performed with an automotive tire gauge capable of measuring low pressures (model no. 555 - HECSHARP dial gauge or tire gauge GSA NSN 4910-00-800-8899 or equal).

b. LI/SS Stock Program Stocking Activities will:

(1) Perform receiving inspection of all incoming flasks from other than MTIS.

(a) Check each flask to ensure that a tag is attached showing the date of test, pressure reading, and tester's initials. If there is no tag, conduct the pressure test (paragraph 3b(1)(c) below) and prepare and attach a tag showing the date, pressure reading, and tester's initials.

(b) Prior to issue, check each flask to determine the residual nitrogen pressure within the flask.

(c) Perform the test by placing the gauge on the

Enclosure (6)

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valve in the same manner as a tire pressure check. Check only to record a reading; avoid excessive pressure releases.

(d) Record the test results on the tag.

(e) If the pressure reads 2 PSI or more, make the issue.

(f) If the pressure reads less than 2 PSI, transfer the item(s) from CC "A" to CC "L" and remove the material from RFI stores. Mark or tag the flask(s) with a brightly colored rejected tag. Advise NAVICP (845) of suspended material.

(2) Take disposition action as advised by NAVICP (845).

(3) If possible, issue stock flasks with the lowest acceptable pressure reading (e.g., issue 7 PSI reading before a 20 PSI reading).

(4) All flasks received via MTIS will be reported to NAVICP (845). If NAVICP (845) indicates material is required, place material in CC "K". NAVICP (845) will redistribute item to PNS for cleaning and recertification.

c. LI/SS Stock Program Certifying Activity will:

(1) In addition to normal receipt inspection for new contract certification or recertification of MTIS, conduct the pressure test:

(a) For new contract material (if material is otherwise acceptable):

1. If the pressure is 2 PSI or greater and item has passed receipt inspection, process to CC "A".

R) 2. If the pressure is greater than zero but less than 2 PSI, the flask shall be recharged to not more than 20 PSI with clean, dry nitrogen conforming to Commercial Item Description A-A-59503 and process to CC "A".

3. If the pressure is zero, perform usual inspection of flask interior for corrosion. Check the shipping caps and plugs and Schraeder valve for tightness. If loose,

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tighten and recharge as above. If the caps, plugs, or valves cannot be tightened, or if there is internal corrosion, apply reject procedures suspending the material in CC "L".

(b) For MTIS material (if otherwise RFI):

1. If the pressure is greater than zero but less than 2 PSI, recharge as above and return to system stock.

2. If the pressure is zero, retain in CC "K" and notify NAVICP (845) by PHONCON or letter. NAVICP (845) will arrange funding for PNS to clean and recharge item.

(2) Receipt inspection will recertify and attach a tag to each flask which shows the date of test, pressure reading, and tester's initials.

d. End user activities - Report any flasks received without proper pressure to the shipper via ROD.

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Disposal Instructions

1. Discrepant Material: All discrepant material, prior to forwarding to DRMO, will have all data (marking, identification, certification, etc.) which identifies the material to LI/SS application obliterated, removed, or otherwise destroyed.

2. Excess System Stock: Excess system stock and MTIS material will be processed as follows:

a. Bar stock (FSC 95__), tubing (FSC 4710), fasteners (FSC 53__), and any item that consists of a single piece part (i.e., is not an "assembly") may be processed to DRMO without removal of data (marking, identification, certification, etc.) which identifies the material to LI/SS applications. (R)

b. On all other material, prior to forwarding to DRMO, obliterate or remove at least the last four or five characters of the MIC mark (which identifies the material to the LI/SS application). Note: This would include the three digit numeric serial number followed by a one or two digit alpha representing the CAD. MIC removal may be accomplished by grinding or by a tungsten inert gas arc fusion process. For assemblies, only the MIC number on the external assembly shall be removed (e.g., only the body, bonnet, and stem (if externally visible) of a valve).

c. LI/SS excess material shall not be offered for sale under the DLA Recycle Control Point (RCP) program. Prior to final disposition of material, either to a buyer or disposal, the MIC number will be obliterated as outlined in 2b above. (R)

3. Copies of disposal issue documents must be included in the LI/SS Recall File. Recall File copy must be annotated with the MIC(s) and quantity per MIC.

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Procedures for Requisitioning

1. Background

a. In accordance with reference (a), NAVICP (845) procures LI/SS Stock Program material for system backup stock in support of the LI/SS Stock Program. The procedures contained herein are required to insure the availability of LI/SS Stock Program material for the following:

- (1) To maintain the integrity of certified ships;
- (2) To support known requirements for scheduled certification overhauls;
- (3) To provide material required for fleet requisitions citing immediate end use requirements; and
- (4) To fill necessary COSAL and tender load requirements to support deployed ships. (R)

2. Policy

a. NAVICP will control the issue of LI/SS Stock Program material. Certain items are assigned IRRRC "BL" (refer requisitions to NAVICP). IRRRC "BL" override authority is granted to the certified stocking activities, except for S1 SMIC material. FISC Yokosuka is authorized IRRRC "BL" override for SMIC S1, provided the items will not be issued to nuclear surface ships or submarines. Only certified CC "A" material will be issued from the LI/SS Stock Program. NRFI condition coded material will not be issued by NAVICP regardless of circumstances or priority.

b. The special requisitioning procedures contained herein apply to all requisitions for LI/SS Stock Program items assigned SMIC SS, SB, L1, S1, and C1 as defined in Vol. II Appendix 14 of reference (b).

c. These requisitioning procedures apply only to requisitions (stock or part number) placed on the supply system. This instruction does not alter current local procedures for support of LI/SS Stock Program (procurement or manufacture) at

industrial activities.

d. Requisitions for other than fleet use (e.g., shop stores) will be filled to the maximum extent possible based on availability of material.

e. Requisitions for other than shop stores should contain the UIC(s) or hull number(s) (use remarks if necessary). This information is helpful to NAVICP in determining requirements (e.g., submarine or surface).

f. Shop store requisitions do not require exception data. In addition, advice code "5C" (fill or kill) is no longer required.

g. Shop store requisitions should cite project code "ZX9". Requisitions for CASREPs, work stoppages, or other urgent requirements should cite a project code which appropriately describes the requirement. If a shop store and immediate requirement exist simultaneously, two separate requisitions should be submitted.

h. Except for antenna/periscope CAD "QQ", inspection certificates will not be used with shipment. MIC information will be annotated on the shipping document, showing the quantity issued per MIC.

i. Small diameter (2 inch O.D. and under) tubing and barstock will not be issued to tenders and overseas (EXCONUS) activities in 20-foot lengths. Requisitions for 10 feet and less will be filled with the quantity requested. Requisitions for more than 10 feet will be filled in multiples of 10 feet (e.g., 10-foot length and 7-foot length to fill requisition quantity of 17 feet) unless advice code "2N" is cited.

j. Requisitions for part numbered LI/SS Stock Program candidate items must be submitted with exception data providing maximum identification data. This data may include, but is not limited to, the following: manufacturer's identification and part number (if applicable), applicable system, location, valve mark, federal/military/commercial specification number, drawing number, APL, material composition, size, etc.

3. Responsibility

a. Requisitioners of LI/SS Stock Program material will:

(1) Ensure that requisitions are submitted in accordance with the policy contained in paragraph 2 (above).

(2) Local purchase - There are no LI/SS Stock Program NSNs which are coded for "local purchase". Local purchase is selectively authorized, subject to higher authority direction, when NAVICP cannot meet the required delivery date (advice code 2C/5C requisition). Activities authorized to locally procure should contact NAVICP (845) for a copy of the procurement specification to ensure current NAVSEA technical requirements are cited. (R)

(a) Local purchase or manufacture of LI/SS stock numbered material, not available from the supply system, will be reported to NAVICP for demand recording purposes. The local purchase/manufacture action will be reported via a Demand Transaction Card (DOC ID "DHA") in accordance with the procedures established in Vol. II Part 2 Appendix 28 of reference (b). A "DHA" will not be submitted when the original requisition was submitted with advice code "2C" or "5C" since NAVICP records demand for "2C/5C" requisitions returned for local action.

(b) Local purchases or manufacture of LI/SS Stock Program non-NSN material will be reported to NAVICP to record demand and usage to determine whether the item should be stock numbered. The local purchase/manufacture action will be reported via a Reporting of Purchases of Non-NSN Material Card (DOC ID "BHJ") in accordance with the procedures established in Vol. II Part 2 Appendix 28 of reference (b). A "BHJ" will not be submitted when a requisition for a nonstock numbered item is submitted to a stock point or to NAVICP for supply action.

(3) Prepare a ROD (Standard Form 364) to report "shipping" and/or "packaging" discrepancies discovered in shipments of LI/SS Stock Program material. RODs will be forwarded to the Navy stock point that issued and shipped the material. In cases where the material is received directly from a contractor or vendor (N00104 contract) or the shipper cannot be identified, forward the ROD to NAVICP (845). Insure that the contract or document number is cited in the appropriate ROD item

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number. ROD preparation guidance is contained in enclosure (3) and reference (i).

b. NAVICP (845) will:

(1) Fill requisitions to the maximum extent possible based on availability of material.

(2) Publish in reference (c) those items identified to LI/SS Stock Program.

(3) Stock material at certified LI/SS Stock Program stocking activities.

Procedures for SUBSAFE Submarine Antenna Repair Parts

1. NAVSEA/NAVSUPINST 4855.1 transferred submarine antenna spare parts from SAQAM management to LI/SS Stock Program management. For this material, perform normal receiving inspection of items to include, if the MIC number ends with CAD "QQ", that attachment A (certification statement) is included with the item(s). Items received without attachment A will be suspended, and PNS (136.2) should be contacted for direction.

Attachment A - Certification Statement

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Enclosure (9)



DEPARTMENT OF THE NAVY
NAVAL SHIP SYSTEMS ENGINEERING STATION
PHILADELPHIA, PA. 19112

IN REPLY REFER TO

Code 061
CONTRACT NO. N00104-73-C-2944
SERIAL NO. B19

CERTIFICATION STATEMENT

1. The material utilized in the structural integrity portion of the SHEAR has been reviewed and found acceptable for use within the SUBSAFE Boundary. The criteria used in the review is contained in the NAVSEA Submarine Sea Trial Certification Booklets, for Submarines including SSN-688 and Trident Class, and applicable Specifications invoked.

2. Material Identification and Control Numbers are as follows:

KMH-9099-4500Q

3. Certification is also extended to applicable hydrostatic tests, Non-Destructive tests, and dimensional inspections which were conducted and found to meet established requirements.
4. The detailed objective quality evidence is maintained on file at:

Naval Ship Systems Engineering Station Code 061
Submarine Antenna Engineering Department, Bldg. 26
U. S. Naval Base
Philadelphia, Pa. 19112

S. H. Amarnick
Q. A. ENGINEERING

4-2-81
DATE

Oran D. Menon
HEAD, MATERIAL MANAGEMENT
& LOGISTICS BRANCH

4-2-81
DATE

William Thompson
DEPARTMENT HEAD

4-2-81
DATE

Enclosure (9)
Attachment A

Suspended/Recalled Material

1. In response to NAVICP Naval message or other communication:

a. Suspend defective or suspected defective material by placing in condition code "L". When NAVICP (845) requests a search of the LI/SS Recall File, provide results and specify the time period currently covered by the Recall File, e.g., "Issue document file records checked back to 1992".

b. Material suspended by NAVICP (845) direction must be tagged as NRFI (condition code "L") and physically relocated to a separate, segregated storage area. Controls must be in place to ensure material is not issued or commingled prior to subsequent NAVICP (845) direction to return to RFI or dispose. Notify NAVICP (845) via Naval message or letter approved by commanding officer when suspected defective material has been detected and subsequently suspended and segregated. (R)

2. Upon receipt of NAVICP (845) direction to return material to RFI, remove NRFI tags and relocate material to general LI/SS storage.

3. Upon receipt of NAVICP (845) direction to dispose of defective material, transfer to condition code "H", remove MIC markings in accordance with this instruction, and process the disposal. NAVICP (845) must be notified via Naval message or letter approved by commanding officer that disposal action has been completed and the quantity disposed of. (R)

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